THE HINDU IN SCHOOL
INDIA'S NATIONAL NEWSPAPER SINCE 1878

# 30-MINUTE ACTIVITY FOR CHILDREN - 33

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## Fun facts

### 1. Autographs as insurance?

Neil Armstrong and his fellow Apollo 11 crew Buzz Aldrin and Michael Collins autographed hundreds of envelopes which their families could sell and make money in case they didn't return home during the moon mission in 1969. As the astronauts could not afford life insurance, Neil came up with the idea considering the extreme danger they were about to face. Fortunately, those autographed envelopes weren't needed as the astronauts returned safely to Earth after the moon-landing feat.

**Q: Can you find out when Armstrong first set foot on the moon?**

_____

### 2. Heard of moonbows?

A moonbow is a rainbow produced by moonlight. Very unusual, moonbows are created when moonlight is refracted by water particles in the atmosphere. They may be spotted when there is rain nearer to the full moon phase. They are fainter than solar rainbows, because of the smaller amount of light reflected from the surface of the moon.

**Q. Moonbows are also known as**

_____

**Answers**
1. On July 20, 1969.
2.. Lunar rainbows or white rainbows.

## Crack the code

**Using the reference given below, crack the code and identify the terms:**

| | | |
|---|---|---|
| 1 ABC | 2 DEF | 3 GHI |
| 4 JKL | 5 MNO | 6 PQR |
| 7 STU | 8 VWX | 9 YZ |

**Example: Computer would be coded as 111, 555, 5, 6, 777, 77, 22, 666**

1. 666, 555, 777, 77, 22, 666
2. 7, 22, 666, 8, 22, 666
3. 1, 77, 77, 666, 333, 11, 777, 77, 22
4. 8, 1, 666, 333, 1, 11, 444, 22
5. 7, 77, 666, 333, 55, 3

**Answers:** 1. Router, 2. Server, 3. Attribute, 4. Variable, 5. String

## Know the scientist

**Anna Mani** (1918 – 2001) was an Indian physicist and meteorologist, who served as the deputy director general of the India Meteorological Department (IMD). She has made significant contributions in the field of meteorology, including the development of an apparatus to measure ozone – Indian ozonesonde. She is known for her books on solar thermal systems.

Anna Mani was born in 1918, in Travancore, Kerala. She studied physics at the Presidency College, Madras, and then undertook a research career at the Indian Institute of Science, Bengaluru, under the guidance of physicist C.V. Raman. Based on her work on the spectroscopy of diamonds and rubies, Anna Mani gained an internship in meteorological instrumentation at the Imperial College London, England.

Mani returned to India in 1948 and joined the IMD, Pune. There she standardised the drawings of about scores of weather-related instruments for production. In 1967, Mani and her team developed the Indian ozonesonde, a balloon-borne instrument to measure ozone levels. Soon, Anna Mani was made a member of the International Ozone Commission. In 1963, she set up a meteorological observatory at the Thumba rocket launching facility.

In 1976, Anna Mani retired as deputy director general of the Indian Meteorological Department. During the 1980s, she started a company that made precision instruments to measure solar radiation and wind speed.

**Now that you have read the bio of Anna Mani, try answering the following questions:**

**1.** Name the instrument that Mani and her team develop to measure ozone level in the atmosphere.

.....

**2.** Anna Mani was instrumental in setting up a meteorological observatory in 1963. Where is it located?

.....

**Answers**: 1. Indian ozonesonde and 2. Thumba rocket launching facility.

## Picture story

### Come up with a witty caption for this picture

Photo AFP

A lemur has some fun by jumping with a piece of carrot in his mouth. Write a caption that can sum up the picture in just a few words. Be creative!

_____

_____

## What's the good word?

Many words have more than one meaning. In the sentences below, write down one word that fits both the descriptions

1. To pause; to destroy something.

_____

2. Tiny balls of ice that fall from the sky; to call someone.

_____

3. Male sheep; to forcefully hit against something.

_____

4. To observe keenly; a time-showing device.

_____

5. A bird; a device used to lift heavy objects.

w_____

Nissar Ahmad

**Answers:** 1. Break, 2. Hail, 3. Ram, 4. Watch, 5. Crane.

## Word of the day

**UTOPIA**

Utopia is a word used to describe an imaginary place where everything is perfect. It is the idea of an ideal society where people work together and everyone coexists happily. The opposite of utopia is dystopia.

**Origin**

The word finds its origins in a book of the same name by Sir Thomas More. He created utopia by combining the Greek words *ou* ( meaning no, not) and *topos* (meaning place). His book described a fictional island society off the coast of the Americas, where everything was perfect. He wanted to imply that such a state could never exist or be achieved, hence, using the title *Utopia*.

The earliest use of the word was for an imaginary or indefinitely remote place. The current description of an ideal place or society is derived from More's description of utopia.

**Example**

Lizzy often dreamt of living in a utopia where everyone was happy.

**Activity**

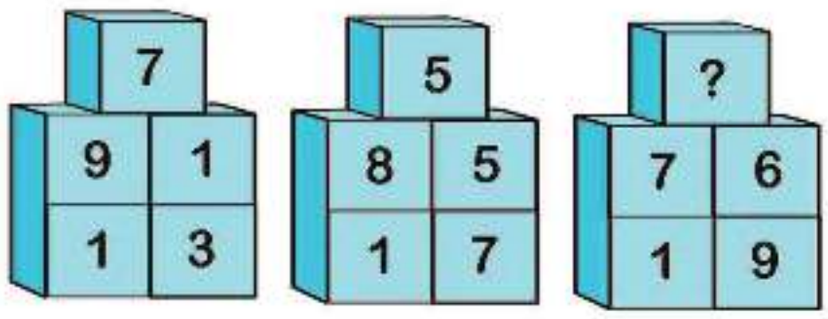
Use the word utopia in a sentence

_____

_____

## Complete the grid

**What number should replace the question mark?**




Answer: 4

Divide the number in the middle tier by the number in the bottom tier to get the number at the top. (76 ÷ 19 = 4)

## The W Corner

**WHO** is he? His face might have been blurred out, but there are more than enough clues in the image to point you in the right direction.

PHOTOS: AP

Indian badminton player Kidambi Srikanth.

And if that isn't enough, we are providing some hints too...

He is the second Indian man, after Prakash Padukone, to be ranked number one in men's singles badminton in the world. He achieved that feat two years ago.

In 2017, he became just the fourth player ever to win four Super Series titles in a single year.

## Journal Writing

### Dear Diary

*If we could have a new national holiday, it should be .... because ...*

_____

_____

_____

_____

_____

_____

_____

_____

Imagine and write. You may even type a note and mail it to us at **school@thehindu.co.in.** We will select a few for publication when we resume

### Today's Diary Pick

**Dear Diary,**

You know I am not much of a sentimental person. But two months without seeing any of my friends? It is so boring at home. I am also the only child of my parents. My parents do play with me. But I still miss my friends. The worst part about staying home is the chores. Usually, I would get away saying, "I have homework." But now, my mom has a chance to say, "Clean your shelf, clean your room, fold the clothes, tidy up your bookshelf and iron your clothes". These are just a few on the huge list I am given. But this cloud too has a silver lining. I get more screen time. Yeah, that's great. There is one more problem to address. The snack level is drastically low. Sigh. If this lockdown continues, I will get seriously ill due to no-snack-at-home-syndrome.

**Ananya Sanal,** Class 7 Navadisha Montessori school, Chennai

**Dear Diary,**

It's been two months since schools are shut. I'm really exhausted being under house arrest. But I've experienced the other side of me. I got to know more about cooking, gardening, laundry and many other things. I've decorated my room with my craftwork and origami. I've been involved with my family and we have a good time playing chess, ludo, scrabble and Atlas. In this hard time, patience is the only thing we should have and hope for the best. I'm bored at home, but can't do anything except keep my fingers crossed.

**Akshita Singh Parihar,** Class 10, Krishna Public School, Raipur

Published by N. Ravi at Kasturi Buildings, 859 & 860, Anna Salai, Chennai-600002 on behalf of THG PUBLISHING PVT LTD., and Printed by D. Rajkumar at Plot B-6 & B-7, CMDA Industrial Complex, Maraimalai Nagar, Chengleput Taluk, Kancheepuram Dist., Pin: 603209. Editor: Suresh Nambath (Responsible for selection of news under the PRB Act).
Regd. TN/ARD/17/2012-2014 • RNI No. 1001/1957 • ISSN 0971 - 751X • Vol. 143 • No. 117